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PATENT & TRADEMARK OFFICE

#21

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:		Confirmation No.:	2211
	Airey *et al.*	Art Unit:	2672
Appl. No.:	09/614,363	Examiner:	Havan, Thu-Thao
Filed:	July 12, 2000	Atty. Docket:	15-4-632.51
For:	**Display System Having Floating Point Rasterization and Floating Point Framebuffering**		*(1452.3760001)*

Letter to PTO Draftsman: Submission of Formal Drawings

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Technology Center 2600

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are **seven (7)** sheets of formal drawings with **Figures 1-5**, corresponding to the informal drawings submitted with the above-captioned application. The formal drawings incorporate the drawing correction requested in the Submission of Proposed Drawing Amendment filed on July 12, 2000. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael V. Messinger
Attorney for Applicants
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Date: 12/23/03

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Appl. No. 09/614,363; Filed: July 12, 2000
Dkt. No. 1452.3760001/MVM/LMY; Group Art Unit: 2672
Inventors: Airey *et al.*; Tel: 202/371-2600
Title: Display System Having Floating Point Rasterization and Floating Point Framebuffering

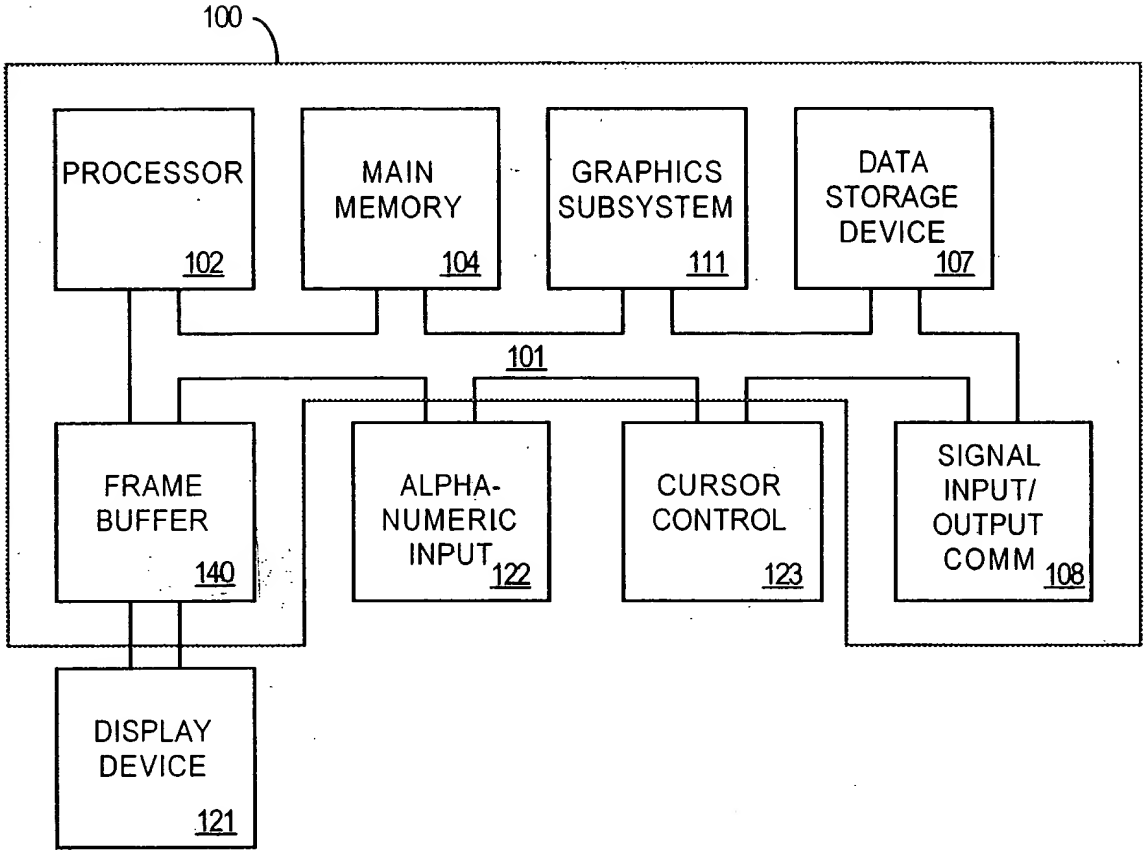

FIG. 1

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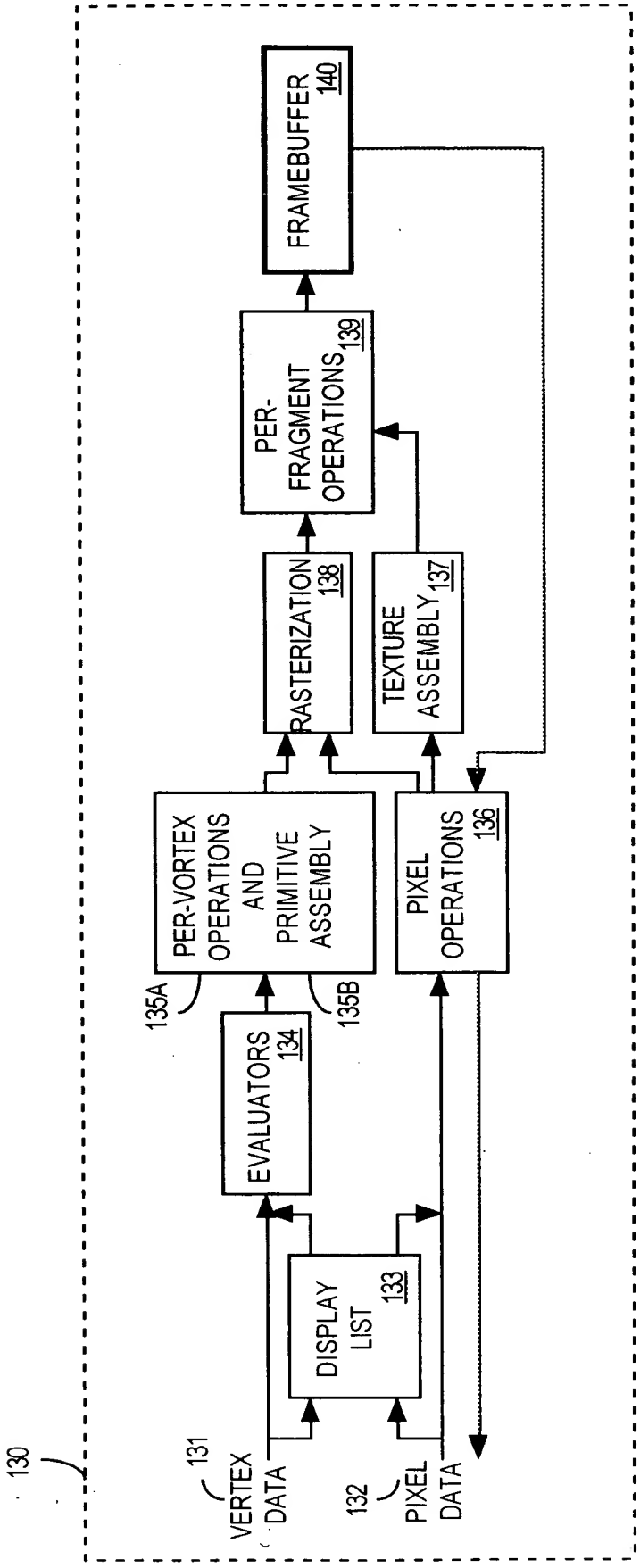

FIG. 2

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VALUE	CONDITIONS**
(-1)^sx2^(e-16)x1.m	00000<e<11111
(-1)^sx2^15x1.m	e==11111,m!=1111111111
(-1)^sx2^-16x1.m	e==00000,m!=0000000000
zero	e==00000,s==0,m==0000000000
NaN*	e==00000,s==1,m==0000000000
positive infinity	e==11111,s==0,m==1111111111
negative infinity	e==11111,s==1,m==1111111111

* NaN: "Not a number," which is generated as the result of an invalid operation and also represents the concept of "negative zero"

** Extrapolation to s11e5 is readily achievable

FIG. 3

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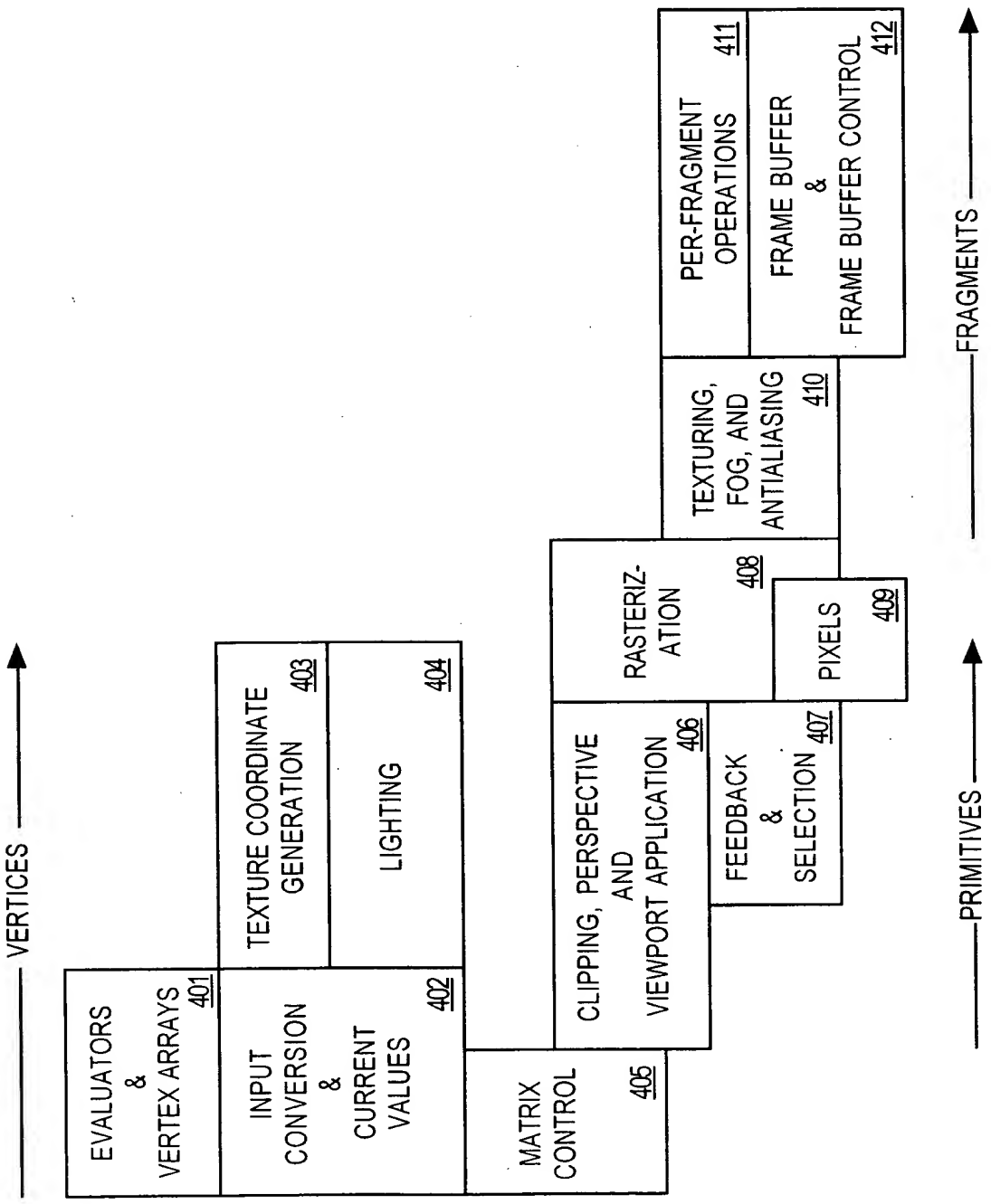

FIG. 4

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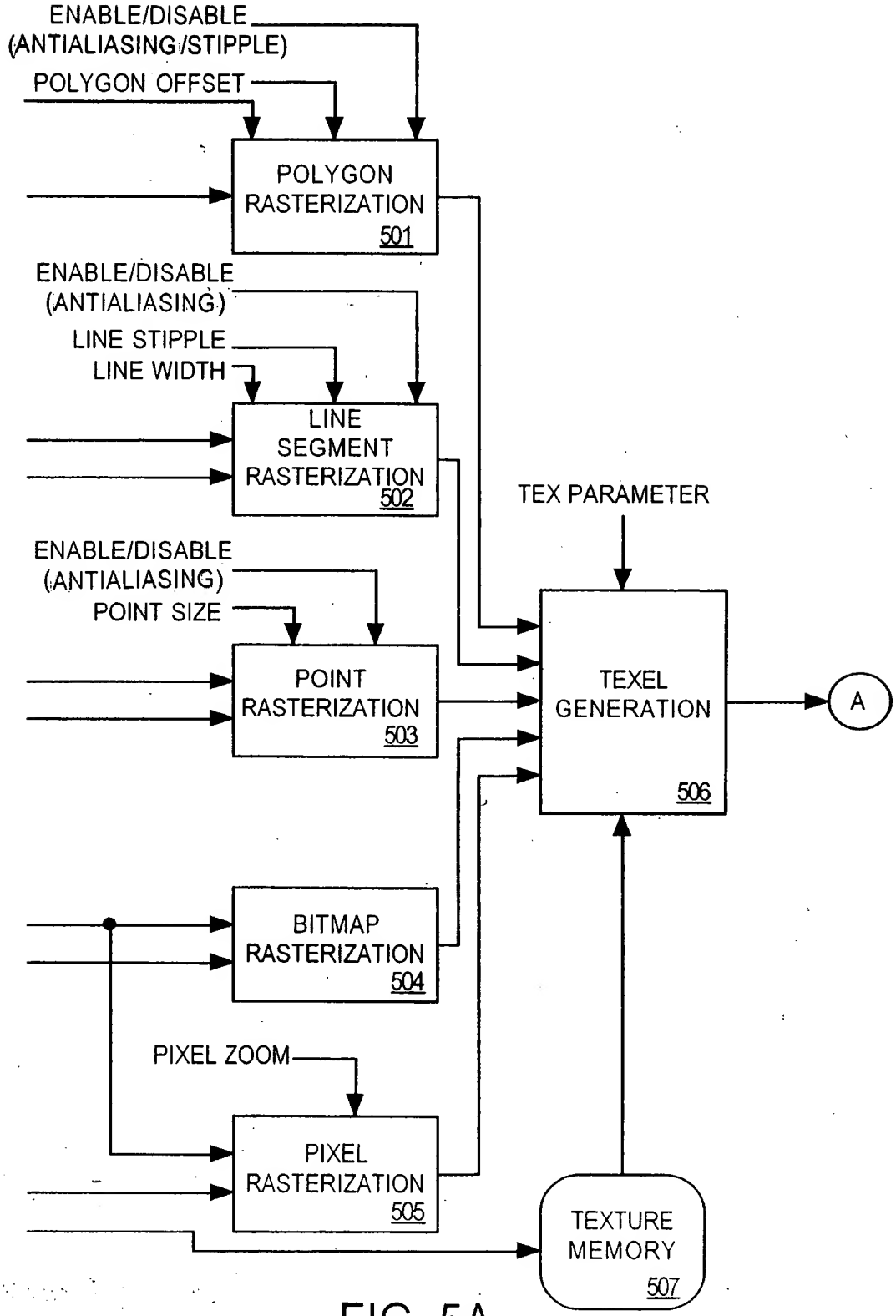

FIG. 5A

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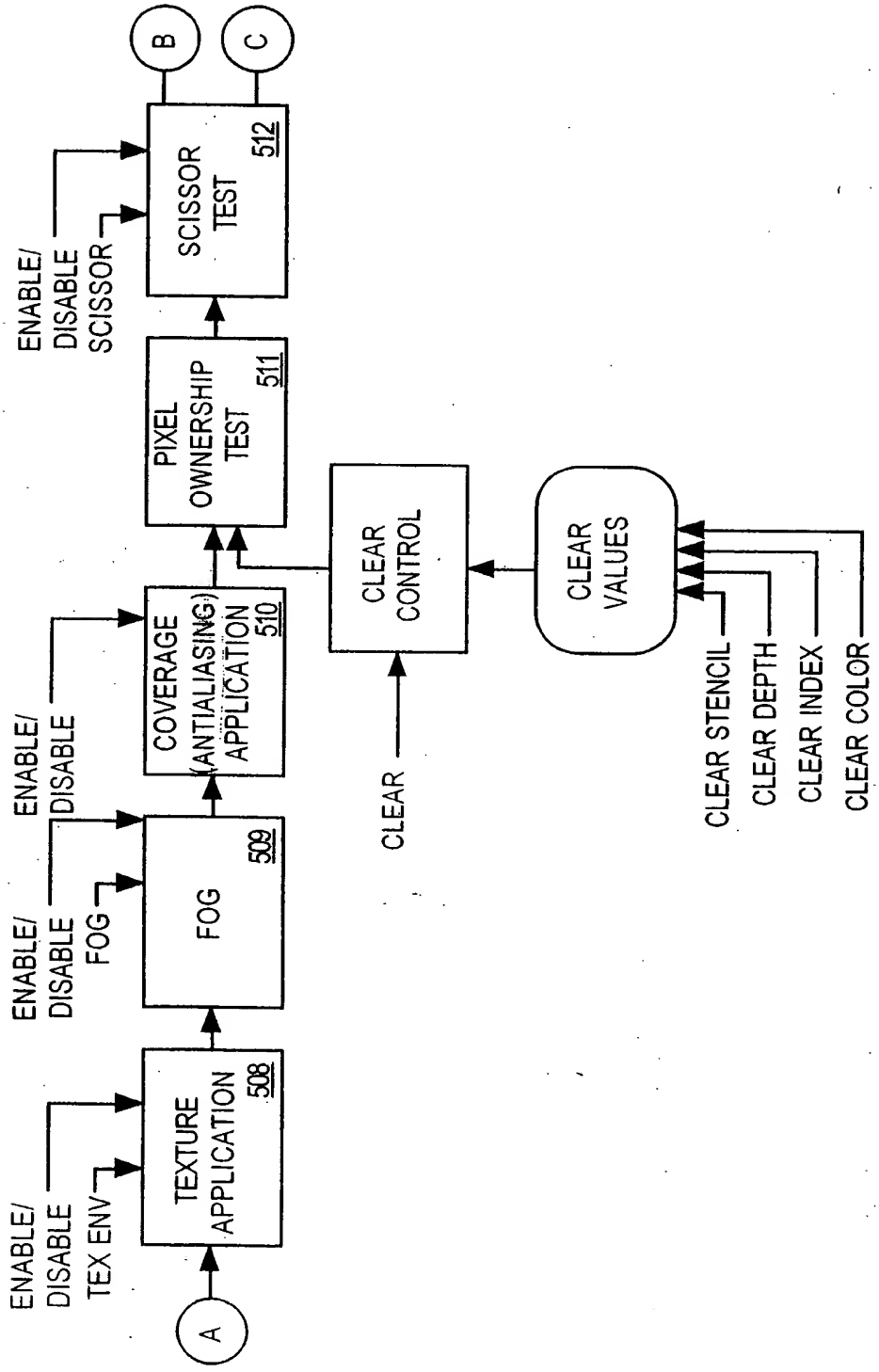

FIG. 5B

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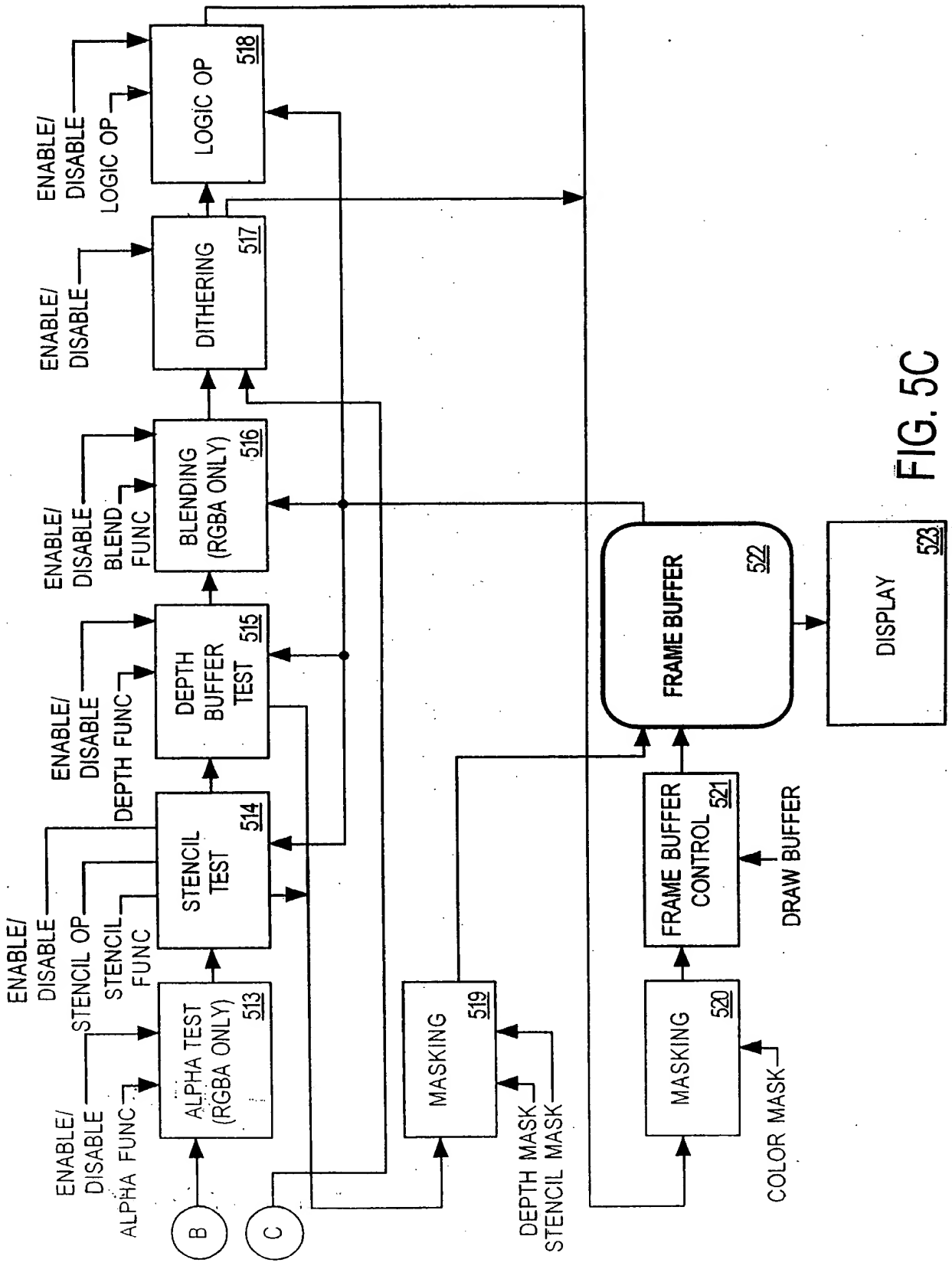

FIG. 5C